O 1 P E 7 2006 FEB 2 7 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

-----: Atty.#: HNY-P14

IFW

Re U.S. Patent Application Of

Myrick et al.

Serial No.: 10/766,414

Filing Date: Jan. 27, 2004

Title: SELF-PROPELLED INSTRUMENTED DEEP

DRILLING SYSTEM

----: February 24, 2006

: Group No: 3672

: Examiner: Stephenson, Daniel P.

RESPONSE TO OFFICE ACTION & AMENDMENT

Mail Stop: <u>Amendment</u> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 27, 2005, please amend the above-identified U.S. patent application, as follows:

IN THE SPECIFICATION:

Please approve entry of the amendment to the Specification as shown in the marked up paragraph presented in the appended sheet.

IN THE CLAIMS:

Please amend the Claims as shown in the marked-up listing appended hereto.

REMARKS

The Specification is corrected to make reference to the Government Contract No. that